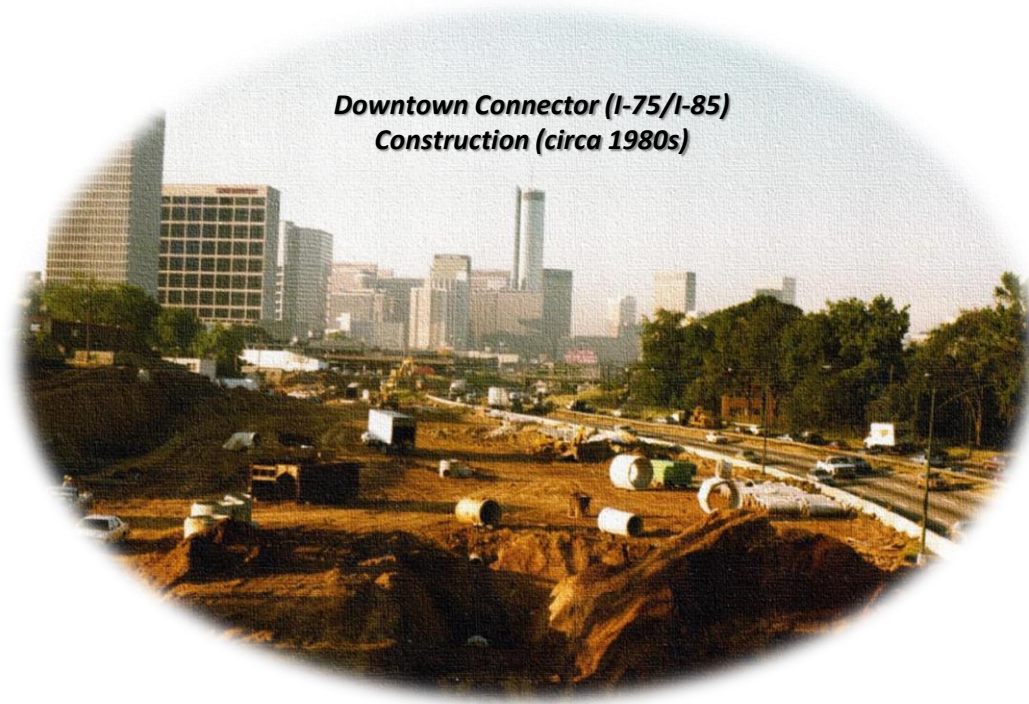


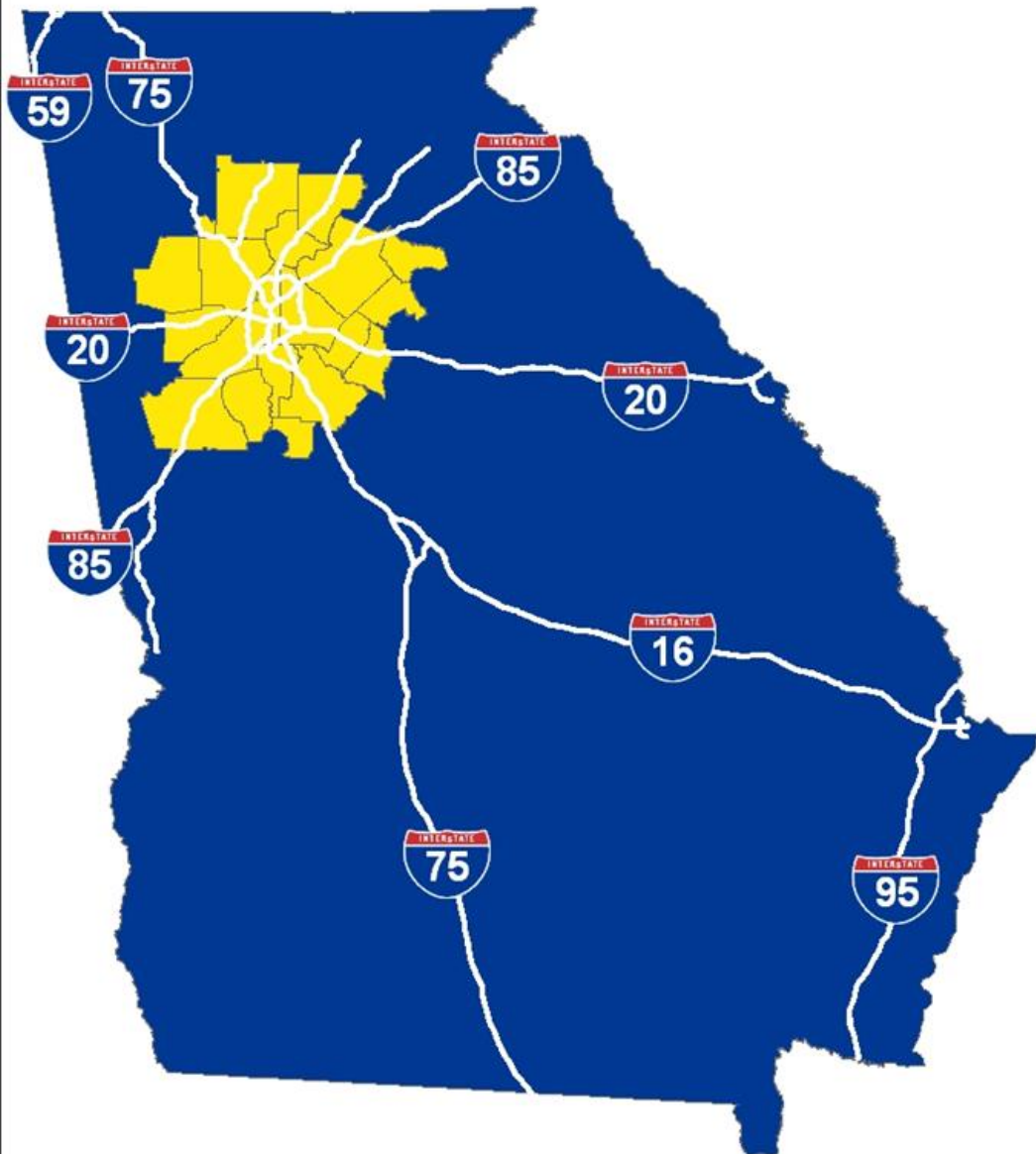
Initiatives to Improve Project Delivery in the Atlanta Region



*Downtown Connector (I-75/I-85)
Construction (circa 1980s)*

**GDOT Program Delivery Committee
January 20, 2016**

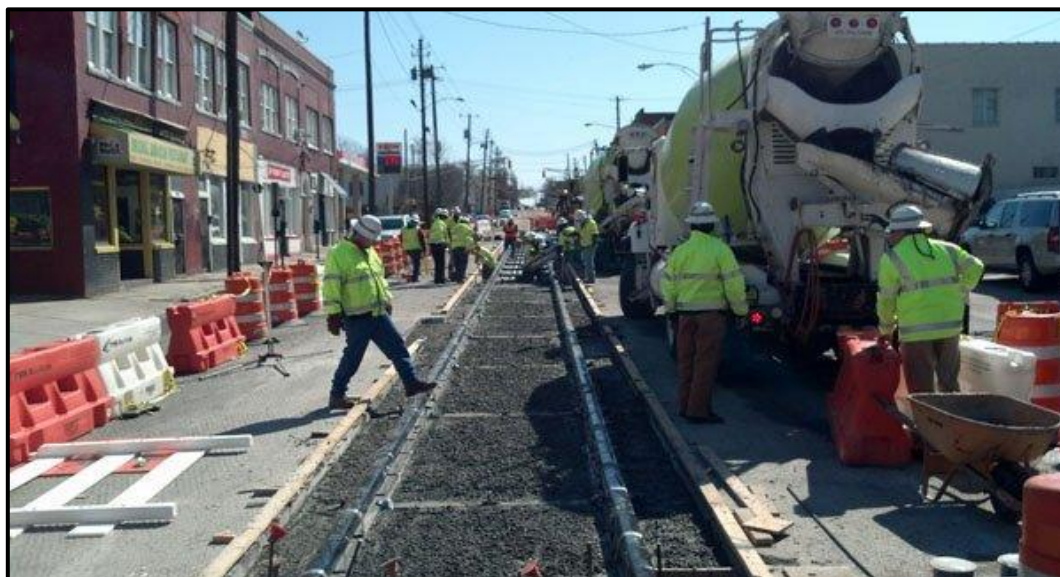
ATLANTA MPO AREA



- **50% of Georgia's Population**
- **13 entire counties; 7 partial counties**
- **Over 100 Municipalities**

Project Delivery is a National Goal

“Project Delivery – To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies’ work practices.”

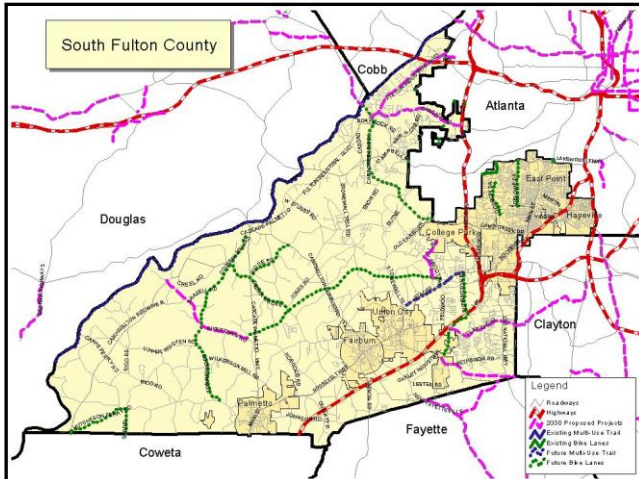


Project Delivery Task Force (PDTF) Approach

- Interdisciplinary approach followed
 - Multiple Subject Matter Experts
 - Multiple Layers of Government Perspectives
- Requires a shift in regional policy and innovative business practices



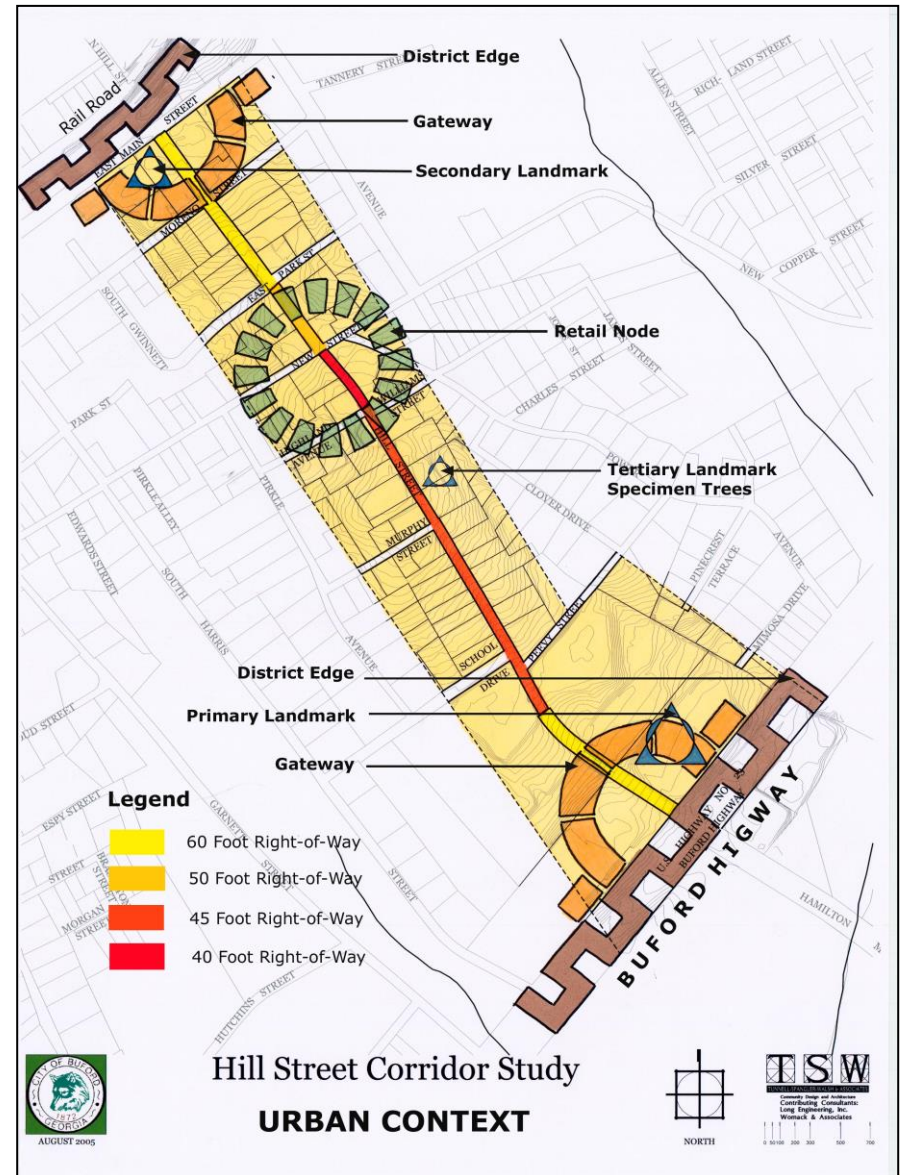
Challenges...



Project Concept Development



Environmental Studies and Review



The Top Five Topic Areas

1. “Cross-Cutting” Issues
2. Early Environmental Coordination
3. Project Feasibility/Risk Assessment
4. Dealing with Changes After the Project Starts
5. Using Federal Funds on “Small” or “Less Complex” Projects



Project Delivery Task Force Action Program

Cross-Cutting Solutions

Implement Fund Reprogramming Policy

Implement Two-Phase Preliminary Engineering

Identify Process for Advancing Projects From Other Plans

Create New Joint Project Scheduling Process

Create On-Line Project Management and Delivery Templates and Checklists

Create Joint Project Delivery Tracking System

Streamlined Environmental Analysis

Develop Planning Requirements for Environmental Screening

Develop Process to Build on Environmental Screening in the NEPA Analysis

Create/Refine Joint Environmental Databases

Provide Technical Resources to Help Local Jurisdictions

Create Checklist to Help Local Sponsors Comply with Environmental Requirements

Project Feasibility and Programming

Develop Detailed Project Funding Application(s) to Justify Project Feasibility

Require Early Risk Assessment of Projects Prior to Programming Funds

Develop a "Project Feasibility Guide" to Assist Locals in Screening Potential Projects

Develop Cost Estimating Templates for Federally-Funded Projects

Implement Pilot Program for New Project Feasibility Process

Dealing with Change

Create New Process to Monitor/Resolve Inactivity on Projects

Develop Educational Materials for Elected Officials on Financial Responsibilities

Develop On-Line Resources on Consultant Procurement and Management

Develop Written Guidance on "Grandfathering" and "Waivers" of GDOT Process

Develop Model Project Diary to Document Project Decisions

Less Complex Projects

Develop Written Guidance on When to Use Federal Funds on Less Complex Projects

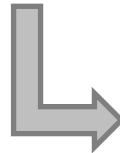
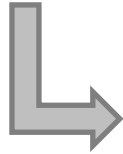
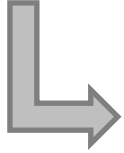
Create On-Line Library of Best Practices

Increase the Number of Projects That Require Simpler Environmental Documents

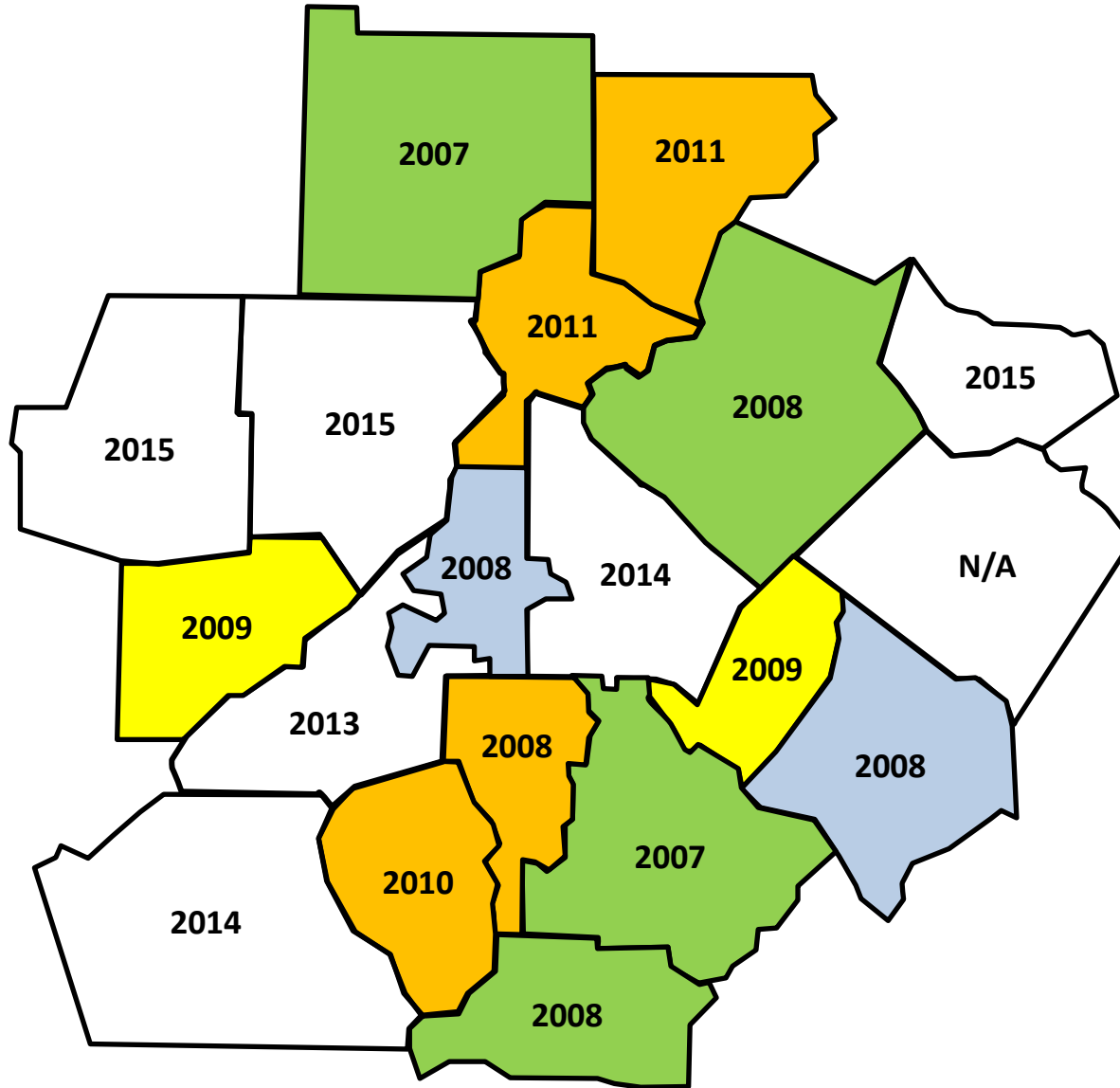
Develop Process for "Flexing" More Projects to FTA

Hold Training Sessions to Help Project Sponsors with NEPA Requirements

Using the Comprehensive Transportation Plan (CTP) Program to Improve Delivery



CTP Adoption Dates and Update Status



- No current activity
- Update underway
- RFP process underway
- Work scope discussions underway (pre 2016)
- Work scope discussions pending (2016)

Improving Scope, Schedule and Budget Development

CTP/PDTE Linkage

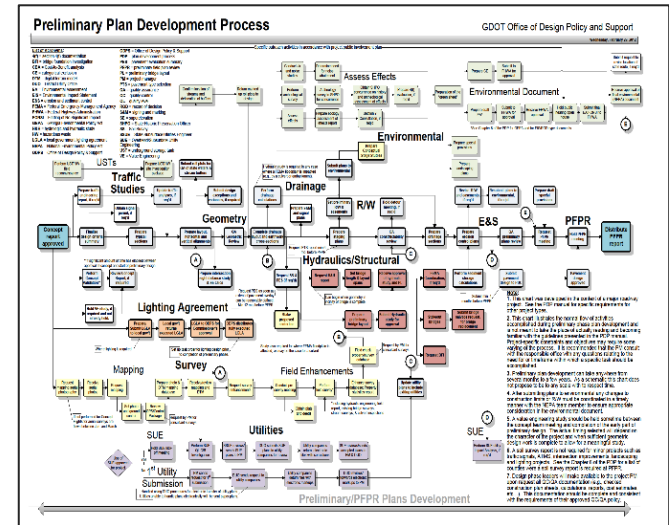
- Use optional CTP Project Screening element to develop detailed scope/schedule/budget

Related PDTE Action Plan Recommendation (A-4)

- *“Create a new GDOT and ARC scheduling process”*

Benefits and Challenges

- Readies highest priority projects for advancement faster
- Challenge – GDOT (and other agency) staff labor hours and candidate project selection



Streamlining New Project Incorporation into the TIP

Potential CTP/PDTP Linkage

- Leverage future CTP updates to populate future solicitation application materials from each plan's constrained project list

Related PDTP Action Plan Recommendations (A-2 & C-1)

- *"Identify process for advancing projects from other plans, including transit" and "Develop detailed process of funding application"*

Benefits & Issues

- Streamlines process of completing necessary project application paperwork for TIP funding consideration
- May require additional funding and staff time to review and refresh application data after CTP completion



Emphasizing Risk Assessment in Early Stages of Planning

Potential CTP/PDTP Linkage

- Integration of Risk Assessment Tool into the development of future CTPs

Related PDTP Action Plan Recommendations (C-2 & C-5)

- *“Implement early risk assessment prior to programming funds” and “Implement pilot program for new project feasibility process”*

Benefits & Issues

- Illuminates potential risks to delivery during project identification (much earlier than typical)
- Tool usage can be tailored to fit sponsor
- Tool refinement and upkeep
- Standardized review of outputs



Risk Assessment Tool Designed to Help Sponsors Improve Delivery

UTILITIES

Risk 15 (Utilities): Utility discovery and possible relocation must be factored into your project delivery schedule. All projects in GDOT's Construction Work Program require certification even if no utilities will be relocated. Will your project require utility relocations?

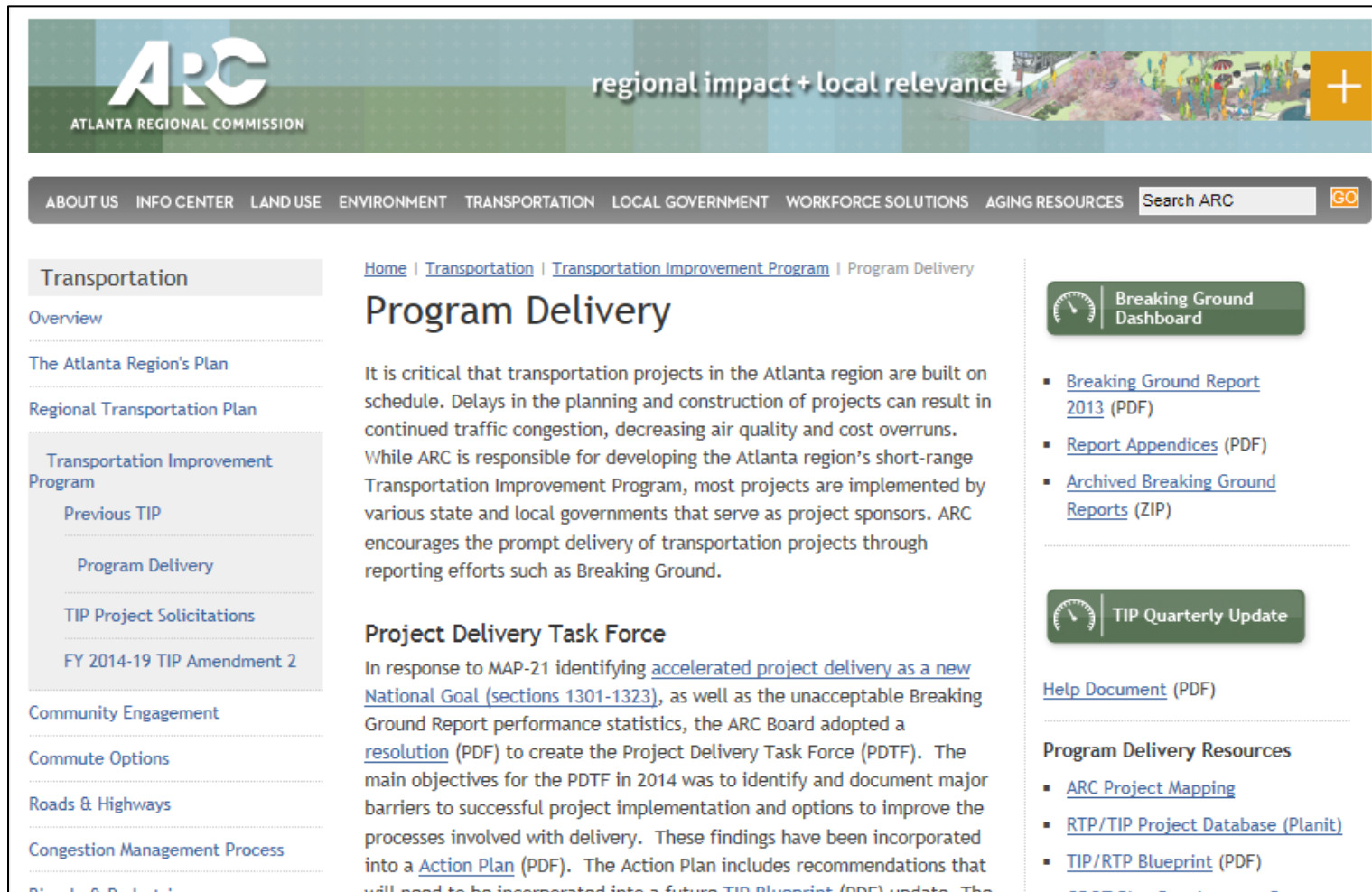
No Risk	High Risk
0	3
<i>No utility relocations required</i>	<i>Utility relocations required</i>
<i>Enter "0" in the box if selected</i>	<i>Enter "3" in the box if selected</i>

Additional Information May Be Found At: <http://www.dot.ga.gov/PartnerSmart/utilities#tab-1>

Risk Management Tip: *Both underground (buried utilities) and above ground utilities must be considered early when evaluating your project. **Prior rights and agreements with utilities**, such as Franchise Agreements (collection of fees from utilities in order to utilize the public ROW), need to be reviewed to determine who is responsible for the funding to relocate utilities. In addition, major costs can be associated with impacting telecommunication substations, gas regulators, or power stations.*

More Information Available at...

<http://www.atlantaregional.com/transportation/transportation-improvement-program/program-delivery>



The screenshot displays the ARC website's 'Program Delivery' page. The header features the ARC logo and the tagline 'regional impact + local relevance'. A navigation bar includes links for 'ABOUT US', 'INFO CENTER', 'LAND USE', 'ENVIRONMENT', 'TRANSPORTATION', 'LOCAL GOVERNMENT', 'WORKFORCE SOLUTIONS', 'AGING RESOURCES', a search bar, and a 'GO' button. The left sidebar lists various transportation-related topics, with 'Transportation Improvement Program' expanded to show 'Previous TIP', 'Program Delivery', 'TIP Project Solicitations', and 'FY 2014-19 TIP Amendment 2'. The main content area is titled 'Program Delivery' and includes a breadcrumb trail: 'Home | Transportation | Transportation Improvement Program | Program Delivery'. The text explains the importance of timely project delivery and mentions the 'Breaking Ground' report. A 'Project Delivery Task Force' section describes the response to MAP-21 and the adoption of a resolution to create the PDTF. The right sidebar features a 'Breaking Ground Dashboard' with links to the 'Breaking Ground Report 2013 (PDF)', 'Report Appendices (PDF)', and 'Archived Breaking Ground Reports (ZIP)'. Below this is a 'TIP Quarterly Update' section and a 'Help Document (PDF)' link. At the bottom right, there is a 'Program Delivery Resources' section with links to 'ARC Project Mapping', 'RTP/TIP Project Database (Planit)', and 'TIP/RTP Blueprint (PDF)'.

Transportation

Overview

The Atlanta Region's Plan

Regional Transportation Plan

Transportation Improvement Program

Previous TIP

Program Delivery

TIP Project Solicitations

FY 2014-19 TIP Amendment 2

Community Engagement

Commute Options

Roads & Highways

Congestion Management Process

Bicycles & Pedestrians

Home | [Transportation](#) | [Transportation Improvement Program](#) | Program Delivery

Program Delivery

It is critical that transportation projects in the Atlanta region are built on schedule. Delays in the planning and construction of projects can result in continued traffic congestion, decreasing air quality and cost overruns. While ARC is responsible for developing the Atlanta region's short-range Transportation Improvement Program, most projects are implemented by various state and local governments that serve as project sponsors. ARC encourages the prompt delivery of transportation projects through reporting efforts such as Breaking Ground.

Project Delivery Task Force

In response to MAP-21 identifying [accelerated project delivery as a new National Goal \(sections 1301-1323\)](#), as well as the unacceptable Breaking Ground Report performance statistics, the ARC Board adopted a [resolution](#) (PDF) to create the Project Delivery Task Force (PDTF). The main objectives for the PDTF in 2014 was to identify and document major barriers to successful project implementation and options to improve the processes involved with delivery. These findings have been incorporated into a [Action Plan](#) (PDF). The Action Plan includes recommendations that will need to be incorporated into a future [TIP Blueprint \(PDF\)](#) update. The

Breaking Ground Dashboard

- [Breaking Ground Report 2013](#) (PDF)
- [Report Appendices](#) (PDF)
- [Archived Breaking Ground Reports](#) (ZIP)

TIP Quarterly Update

[Help Document](#) (PDF)

Program Delivery Resources

- [ARC Project Mapping](#)
- [RTP/TIP Project Database \(Planit\)](#)
- [TIP/RTP Blueprint](#) (PDF)



ATLANTA REGIONAL COMMISSION

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